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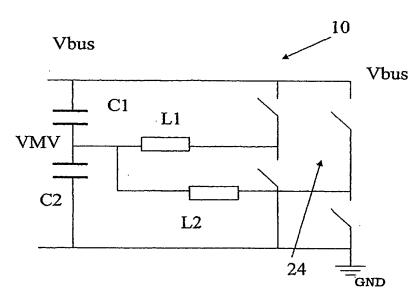
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(54) Title: CONTROL METHOD FOR A SYNCHRONOUS MOTOR, PARTICULARLY FOR CIRCULATION PUMPS



(57) Abstract: The present invention relates to a control method for a synchronous electric motor with permanent-magnet rotor, particularly for fluid circulation pumps in conditioning systems and/or household appliances, wherein the application of predetermined voltage values to each of the windings (L1, L2) of the motor is provided, by means of a converter control circuit (10). The method provides a continuous measure of the amplitude of the bus (V₁) ripple and a comparison with a reference value, for example with respect to an average bus voltage level. According to the comparison result the motor is driven by Table 38 and all the winding voltage having an sinusoidal wave form.

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